

# STIC Search Report Biotech-Chem Library

#### STIC Database Tracking Number 4949

TO: Nita M Minnifield

Location: rem/3c01/3c18

Art Unit: 1645

Thursday, March 31, 2005

Case Serial Number: 10/643888

From: Edward Hart

**Location: Biotech-Chem Library** 

**REM-1A55** 

Phone: 571-272-2512

edward.hart@uspto.gov

#### Search Notes

Examiner Minnifield,

Here are the results of the search you requested.

Please feel free to contact me if you have any questions.

**Edward Hart** 



#### STIC-Biotech/ChemLib

From:

Chan, Christina

Sent: To: Subject: Thursday, March 31, 2005 1:00 PM Minnifield, Nita; STIC-Biotech/ChemLib RE: interference sequence search request

#### Please rush. Thaks Chris

Chris Chan

TC 1600 New Hire Training Coordinator and SPE 1644 (571)-272-0841 Remsen, 3E89

----Original Message-----

From:

Minnifield, Nita

Sent:

Thursday, March 31, 2005 9:32 AM

To:

Chan, Christina

Subject:

interference sequence search request

Christina, please approve, 2 month amdt.

STIC

10/643888

Please do an interference sequence search on SEQ ID NO: 38, 52 and 64 of the above application.

Please provide a paper copy of the results.

Thanks, Minnifield 71976

STAFF USE ONLY

Searcher:\_ Searcher Phone: 2-

Date Searcher Picked ( Date Completed:\_\_\_

Searcher Prep/Rev. Time Online Time:

Type of Search

Interference:

Oligomer: Encode/Transl:

Structure#: Inventor:\_\_\_\_ Litigation:\_

\*\*\*\*\*\*\* Vendors and cost where applicable

DIALOG: QUESTEL/ORBIT:

LEXIS/NEXIS: SEQUENCE SYSTEM;

WWW/Internet: Other(Specify):

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RESULT 2
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GENERAL INFORMATION:
APPLICANT: Diamond, Don
TITLE OF INVENTION: CTL Epitope Analogs

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Result
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6	39, Āpp	1, Appl	ence 39	Sequence 1, Appl	quence 8,	quence 1,	quence 6,	e 10,	quence 1	equence 23, App	equence 23. App	equence 23	e 23, App	equence 23, App	equenc	e 40	64. App	63, App	62	61. App	60, App	59, App	40. App	40	40. App	58. Apr	equence 57, App	21,	20	21	Sequence 20, Appl

## ALIGNMENTS

US-09-984-365-41  US-09-984-365-41  J Sequence 41, Application US/09984365  PUBLICATION  APPLICANT: Diamond, Don J  ITILE OF INVENTION: IMMUNO-REACTIVE PEPTIDE CTL EPITOPES OF HUMAN CYTOMEGALOVIRUS  FILE REPERENCE: 1954-384  CURRENT APPLICATION NUMBER: US/09/984,365  CURRENT FILING DATE: 2002-03-13  PRIOR APPLICATION NUMBER: US 09/692170  PRIOR FILING DATE: 2000-010-20  PRIOR FILING DATE: 2000-03-27  PRIOR APPLICATION NUMBER: US 09/534639  PRIOR APPLICATION NUMBER: US 09/534639  PRIOR APPLICATION NUMBER: US 09/534639  PRIOR APPLICATION NUMBER: US 09/53257  PRIOR APPLICATION NUMBER: US 09/53257  PRIOR APPLICATION NUMBER: US 09/53264  PRIOR FILING DATE: 1998-02-10  PRIOR APPLICATION NUMBER: US 08/021298  PRIOR APPLICATION NUMBER: US 08/021298  PRIOR FILING DATE: 1998-02-10  PRIOR FILING DATE: 1998-02-10  PRIOR FILING DATE: 1998-02-10  PRIOR FILING DATE: 1996-01-12  FRIOR FILING DATE: 1996-01-12  FRIOR FILING DATE: 1996-11-12  FRIOR APPLICATION NUMBER: US 08/747488  FRIOR FILING DATE: 1996-11-12  FRIOR APPLICATION NUMBER: US 08/747488  FRIOR FILING DATE: 1996-11-12  FRIOR APPLICATION NUMBER: US 08/747488  FRIOR FILING DATE: 1996-11-12  FRIOR APPLICATION NUMBER: US 08/747488  FRIOR FILING DATE: 1996-11-12  FRIOR APPLICATION NUMBER: US 08/747488  FRIOR FILING DATE: 1996-11-12  FRIOR APPLICATION NUMBER: US 08/747488  FRIOR FILING DATE: 1996-11-12  FRIOR APPLICATION NUMBER: US 08/75257  FRIOR APPLICATION NUMB	210144 # 1

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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/pCTUS_COMB.pep:*

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Sequence 1, Appli Sequence 39, Appli Sequence 39, Appli Sequence 39, Appli Sequence 39, Appli Sequence 6, Appli Sequence 30, Appli Sequence 31, Appli Sequence 31, Appli Sequence 31, Appli Sequence 31, Appli Sequence 32, Appli Sequence 31, Appli

US-09-692-325-51

#### LENGTH: 9 ; TYPE: PRT ; ORGANISM: Artificial Sequence , PEATURE: ; OTHER INFORMATION: HCMV vaccine peptide ; NAME/KEY: MOD RES ; LOCATION: (9) ... (9) ; OTHER INFORMATION: AMIDATION US-09-692-325-51 Sequence 51, Application US/09692325 PRIEDIT NO. 6632435 GENERAL INFORMATION: APPLICANT: Diamond, Don TITLE OF INVENTION: CTL Epitope Analogs FILE REFERENCE: 1954-314 CURRENT APPLICATION NUMBER: US/09/692,325 CURRENT FILING DATE: 2000-10-20 PRIOR APPLICATION NUMBER: US 60/160633 PRIOR FILING DATE: 1999-10-20 PRIOR PRIOR PILING DATE: 1990-03-08 NUMBER OF SEQ ID NOS: 78 NUMBER OF SEQ ID NOS: 78 RESULT 2 US-09-692-325-52 US-09-692-325-52 ; Sequence 52, Application US/09692325 ; Patent No. 6632435 ; GENERAL INFORMATION: 밁 5 SOFTWARE: PatentIn version 3.0 SEQ ID NO 51 Matches Query Match Best Local 1 NLLPMVASV 9 1 NLLPMVASV Similarity 9; Conserv Conservative 100.0%; 0 Score 42; Pred. No. Mismatches 4.1e+05; DB 4; Length 9; Indels 0 Gaps

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APPLICANT: Diamond, Don
TITLE OF INVENTION: CTL Epitope Analogs
FILE REFERENCE: 1954-314
CURRENT APPLICATION NUMBER: US/09/692,325
CURRENT FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: US 60/160633
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: US 60/187871
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US-09-984-365-24

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US-10-643-888-46
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### ALIGNMENTS

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Application US/10643888

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CURRENT APPLICATION NUMBER: US/10/643,888
CURRENT FILING DATE: 2003-08-20
PRIOR APPLICATION NUMBER: US/09/692,325
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: US 60/160633
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: US 60/187871
PRIOR APPLICATION NUMBER: US 60/187871
PRIOR FILING DATE: 2000-03-08
NUMBER OF SEQ ID NOS: 78
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                                                          Matches
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TITLE OF INVENTION: CTL Epitope Analogs
                                                                                                                                                        FEATURE:
NAME/KEY: MOD_RES
LOCATION: (9)..(9)
OTHER INFORMATION: AMIDATION
                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
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1 NLLPMVASV 9
                                                      Similarity 100
9; Conservative
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RESULT 1 US-09-692-170C-40

Application US/09692170C

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CURRENT FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: US 09/534,639
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 09/075,257
PRIOR FILING DATE: 1998-05-11
PRIOR FILING DATE: 1998-05-10
PRIOR FILING DATE: 1998-05-10
PRIOR FILING DATE: 1998-02-10
 Sequence 63, Application US/09692325
Patent No. 6632435
GENERAL INFORMATION:
APPLICANT: Diamond, Don
TITLE OF INVENTION: CTL Epitope Ana.
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PRIOR FILING DATE: 1997-10-14
PRIOR APPLICATION NUMBER: US 08/747,488
PRIOR FILING DATE: 1996-11-12
NUMBER OF SEQ ID NOS: 44
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TITLE OF INVENTION: IMMUNO-REACTIVE PEPTIDE
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## SUMMARIES

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## ALIGNMENTS

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; NAME/KEY: MO ; LOCATION: (9 ; COTHER INFORM US-09-984-365-40	OTHER II	ORGA	TYPE: PRT	LENGTH: 9	SOFTWARE: PatentIn version 3.1	NUMBER OF SEQ ID NOS: 44	PRIOR FILING DATE: 1996-11-12	PRIOR	PRIOR	PRIOR	PRIOR	PRIOR	PRIOR	PRIOR	PRIOR		PRIOR	PRIOR APPLICATION NUMBER: US 09/692170	CURRENT FILING DATE: 2002-03-13	CURRENT APPLICATION NUMBER: US/09/984,365	FILE REFERENCE: 1954-384	TITLE OF INVENTION: IMMUNO-REACTIVE PEPTIDE CTL EPITOPES OF HUMAN CYTOMEGALOVIRUS	APPLICANT: Diamond,	GENERAL INFORMATION:	Sequence 40, Application US/09984365	US-09-984-365-40	1
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AMIDATION	59đď	ORGANISM: Artificial Sequence			on 3.		11-12	: US	FILING DATE: 1997-10-14	: US	FILING DATE: 1998-02-10	US	FILING DATE: 1998-05-11	US	FILING DATE: 2000-03-27	: US	FILING DATE: 2000-10-20	: US	02-03	ER: U		NO-RE	Ġ	1000	US/09		
	THATURE: OTHER INFORMATION: HCMV pp65 sequence variant SEATURE:	æ			۲			APPLICATION NUMBER: US 08/747488		APPLICATION NUMBER: US 08/950064		NUMBER: US 09/021298		APPLICATION NUMBER: US 09/075257		APPLICATION NUMBER: US 09/534639		99/69	13	/60/S		ACTIV		í	98436		
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